

FIG. 1

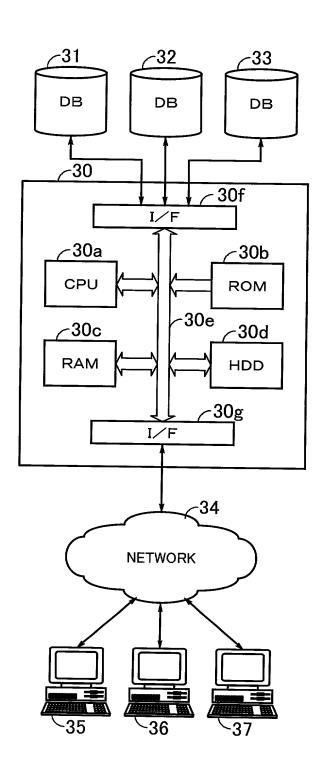


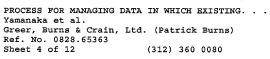
FIG. 2

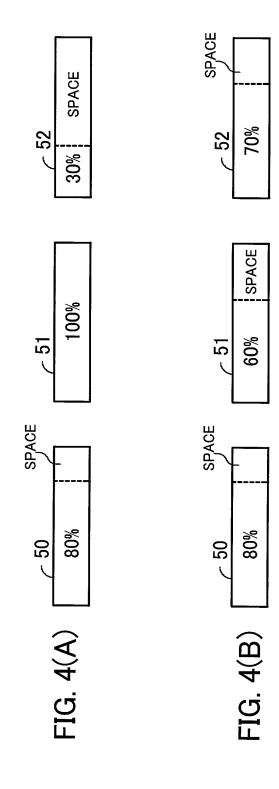
PAGE NUMBER	INDICATION VALUE
0001	11
0002	00
0003	10
:	
<u> </u>	
n	01

FIG. 3(A)

INDICATION VALUE	OCCUPATION RATE
00	60% ~ 100%
01	40%~59%
10	20%~39%
11	0%~19%

FIG. 3(B)





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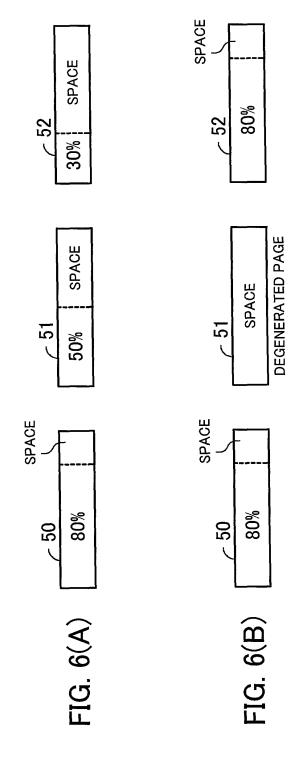
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PAGE NUMBER	INDICATION VALUE
50	00
51	00
52	10

FIG. 5(A)

PAGE NUMBER	INDICATION VALUE
50	00
51	00
52	00

FIG. 5(B)



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PAGE NUMBER	INDICATION VALUE
50	00
51	01
52	10

FIG. 7(A)

PAGE NUMBER	INDICATION VALUE
50	00
51	_
52	00

FIG. 7(B)

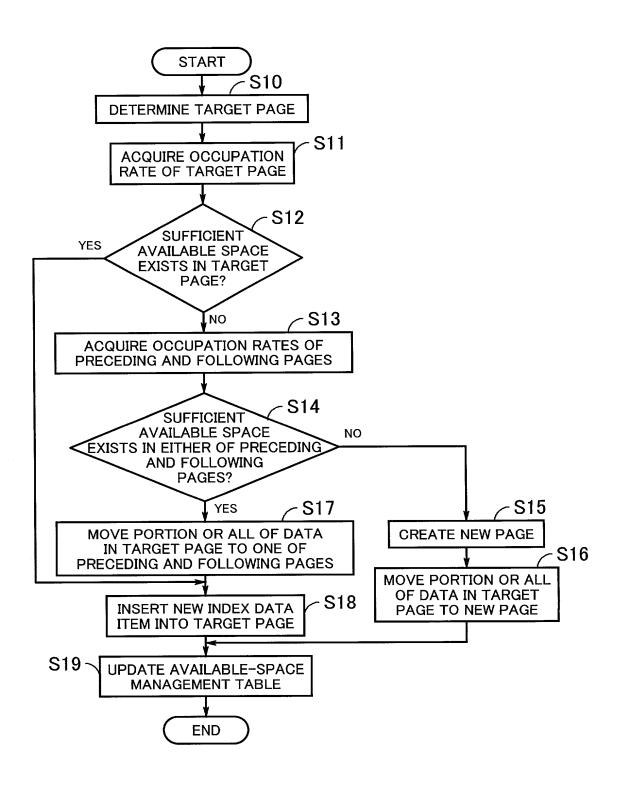


FIG. 8

(312) 360 0080

START S30 DETERMINE TARGET PAGE S31 DELETE INDEX DATA ITEM FROM TARGET PAGE **S32** UPDATE AVAILABLE-SPACE MANAGEMENT TABLE **-**S33 ACQUIRE OCCUPATION RATES OF PRECEDING AND FOLLOWING PAGES S34 ALL DATA REMAINING IN TARGET PAGE NO CAN BE MOVED TO PRECEDING PAGE OR FOLLOWING PAGE? YES S35 MOVE ALL DATA REMAINING IN TARGET PAGE TO ONE OF PRECEDING AND FOLLOWING PAGES -S36 RETURN VACATED TARGET PAGE TO SYSTEM -S37 UPDATE AVAILABLE-SPACE MANAGEMENT TABLE

FIG. 9

END

PROCESS FOR MANAGING DATA IN WHICH EXISTING. . . Yamanaka et al. Greer, Burns & Crain, Ltd. (Patrick Burns) Ref. No. 0828.65363 Sheet 10 of 12 (312) 360 0080

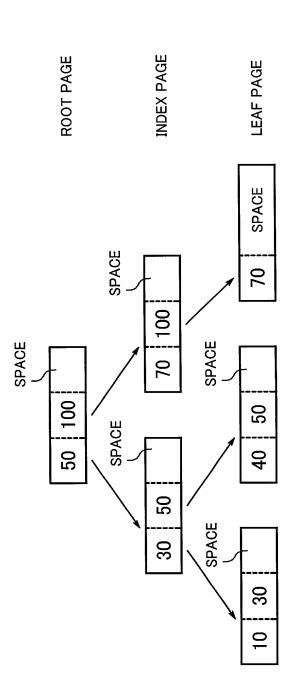
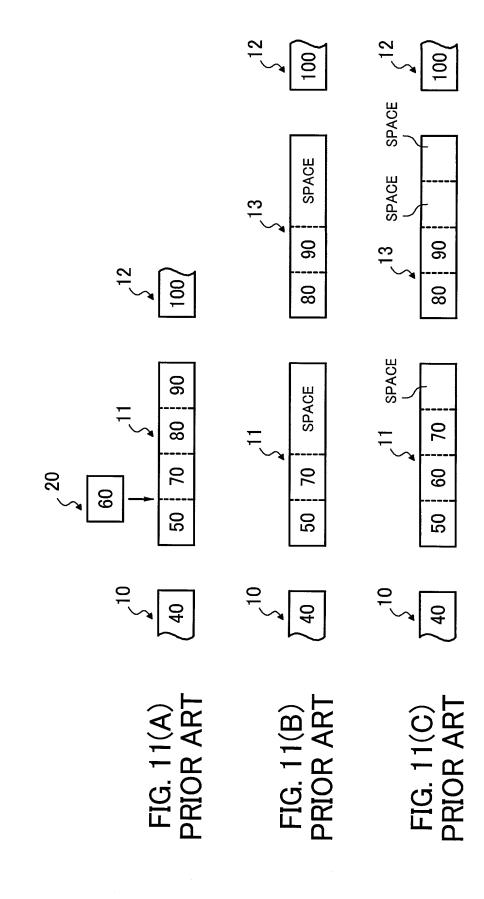
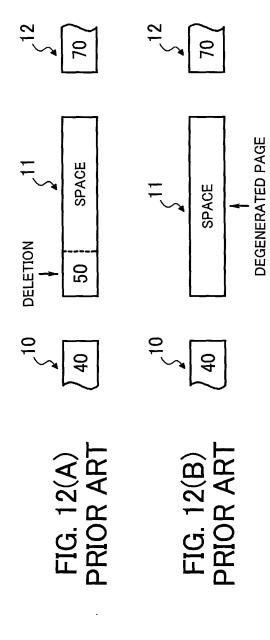


FIG. 10 PRIOR ART



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